

Scenario and Portfolio Development Worksheets

WSAC March Meeting: These are draft scenarios designed for exercise purposes only – they are not intended to be final scenarios.

Summary of Portfolio designed for Draft Scenario #1: Planning for Extended Drought

Climate variability suggests that the next big drought that Santa Cruz experiences may not look like the worst drought on record (the 1976–1977 drought) or the second-worst drought on record (the 1987–1992 drought). In this scenario, Santa Cruz prepares for a plausible extended drought event that looks like both the 1976–1977 and 1987–1992 droughts occurring back to back.

Summary information

What is the Planning objective?		What is the demand-supply gap you choose to address? FYI, 15% shortage is 300 mg. Answer in both mg and % for clarity.		
How much of the Planning objective does your Portfolio produce?		What is the remaining demand-supply gap if all your actions are implemented? Answer in both mg and % for clarity.		
List of selected Portfolio measures	Changes in peak-season gap	Primary criteria based considerations for this choice	Primary criteria based concerns about this choice	Notes, questions, and primary guidance for Technical Team
Example: Action A	15 mg	Inexpensive and focuses on demand management	May have significant environmental impacts	Need to know more about mitigation of environmental concerns
Demand management actions				
Infrastructure and system management actions				
Actions related to new storage				
Actions related to new supply sources				

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Other considerations:

- What changes would you make to the criteria?
- What criteria did you aim to satisfy
- Which were the easy Actions to select? Why?
- Which were the difficult Actions to select? Why? How did you reach agreement on these?
- Your Aha! Moments. What did you learn that you hadn't expected?